



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 8, 2017

Miriam Frugis  
Regulatory Manager  
Bayer CropScience  
P.O. Box 12014  
2 T.W. Alexander Dr  
Research Triangle Park, NC 27709

Subject: Label Amendment – to correct typo and adjust table columns in soybean table  
Product Name: Poncho 600  
EPA Registration Number: 264-789  
Application Date: 9/26/17  
Decision Number: 534418

Dear Ms. Frugis:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

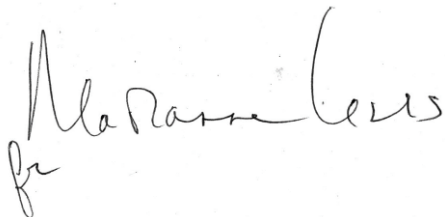
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

with FIFRA section 6. If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043, or via email at [lewis.marianne@epa.gov](mailto:lewis.marianne@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Marianne Lewis". The signature is written in a cursive style with a large initial "M" and a long, sweeping underline.

Venus Eagle, Product Manager 01  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# Poncho® 600

For: seed treatment use on broccoli, canola, cereal grains (except corn, rice, sorghum and wild rice), rapeseed, corn, cotton, carrot, leafy greens, leek, onion (bulb and bunching), potato (seed piece treatment), rice, sorghum, soybean, and sugarbeet for the control of listed insect pests.

All seed treated with this product must be conspicuously coloured at the time of treatment.

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**ACTIVE INGREDIENT:**

Clothianidin: ..... 48.00%

**OTHER INGREDIENTS:** ..... 52.00%

**TOTAL:** ..... 100.00%

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Contains 5.00 pounds clothianidin per U.S. gallon

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**EPA Reg. No. 264-789**

**EPA Est.**

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

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For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

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Please refer to [back panel] [booklet] for additional precautionary statements and directions for use. [Note to reviewer: Location of additional precautionary statements and directions for use will vary between those listed, depending on container type/size.]

**Net Contents:**

**ACCEPTED**

11/08/2017

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 264-789

**PRODUCED FOR**



Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
1-866-99BAYER (1-866-992-2937)

## FIRST AID

<b>If Swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</b>	
Note to Physician: No specific antidote is available. Treat the patient symptomatically.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

- Harmful if swallowed. Harmful if absorbed through the skin.
- Harmful if inhaled.
- Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Chemical-resistant gloves made out of: barrier laminate, nitrile rubber ≥14 mils, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride rubber ≥14 mils or Viton ≥14 mils
- Shoes plus socks.

## USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## ENVIRONMENTAL HAZARDS

This product is toxic to birds and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Do not apply where runoff is likely to occur. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Apply this product only as specified on the label.

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. Therefore contain any product spills or equipment leaks and dispose of wastes according to the disposal instructions on this label.

Treated seed exposed on soil surface maybe hazardous to birds and mammals. Cover or collect spilled seeds.

This compound is highly toxic to bees exposed directly (contact).

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## CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

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Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Read the entire label before using this product.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

**PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:**

- Long-sleeved shirt
- Long pants
- Chemical-resistant gloves made out of: barrier laminate, nitrile rubber ≥14 mils, butyl rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride rubber ≥14 mils or Viton ≥14 mils
- Shoes plus socks.

### PRODUCT INFORMATION

Poncho® 600:

- is a systemic insecticide seed treatment for use on broccoli, canola, cereal grains (except corn, rice, sorghum and wild rice), corn, cotton, carrot, leafy greens, leek, onion (bulb and bunching), potato (seed piece treatment), rapeseed, rice, sorghum, soybean, and sugarbeet for the control of listed insects.
- provides early season protection against the listed insect pests.
- provides protection under low to moderate corn rootworm pressure.

### APPLICATION INSTRUCTIONS

Poncho 600:

- is to be used in liquid or slurry treaters. Mix thoroughly before use or use entire container at one time. Pre-test all tank mixes to determine physical compatibility between formulations. It is the pesticide user's responsibility to ensure that all products in the listed mixtures are registered for the intended use. Users must follow the most restrictive directions and precautionary language of the products in the mixture.
- Treatment of highly mechanically damaged seed, or seed of known low vigor or poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

### USE RESTRICTIONS

- All seed treated with this product must be conspicuously coloured at the time of treatment. This product contains no colorant. An EPA approved dye or colorant must be added when this product is applied to seed to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals. Regulations pertaining to coloration of treated seed enforced by 40 CFR 153.155 must be strictly adhered to when using this product.
- For use only in commercial seed treatment facilities. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications except for cereal grains (except corn, rice, sorghum and wild rice) and potato seed pieces.
- Regardless of method of application, (seed treatment, soil, or foliar) DO NOT apply more than 0.2 lbs of active ingredient clothianidin per acre per year.
- Not for use on sorghum seed in the state of California.

Refer to the specific use directions and restrictions in each crop table below.

## SPECIFIC CROP DIRECTIONS

### COMMERCIAL SEED TREATMENT FACILITIES

BROCCOLI		
Insect Pests	Product Rate (Grams ai per 1,000 seed)	Product Rate (fl oz per 1,000 seed)
Aphids Bagrada Bug Cabbage Maggot Flea Beetle	1.1925	0.068

CANOLA; RAPESEED			
Insect Pests	Product Rate (fl oz per 100 lbs seed)	Product Rate (mg ai/seed) <sup>1</sup>	Remarks
Flea beetle Wireworm	3.84	0.00664	Use this rate under <b>low to moderate</b> flea beetle pressure.
	5.12	0.008863	Use this rate under <b>moderate</b> flea beetle pressure.
	10.23	0.01770	Use this rate under <b>high to extreme</b> flea beetle pressure where extended control is required.
<ul style="list-style-type: none"> <li><sup>1</sup>Rate is calculated based on number of seeds/lb averages of canola (102500).</li> </ul>			

CEREAL GRAINS (Except Corn, Rice, Sorghum and Wild Rice) Barley, Buckwheat, Millet (pearl and proso), Oats, Rye, Teosinte, Triticale, Wheat		
Insect Pests	Product Rate (fl oz per 100 lbs seed )	Product Rate (mg ai/seed) <sup>1</sup>
Wireworm	0.25 - 1.79	0.00324 - 0.02318
Aphid (including Bird cherry-oat, English grain, Greenbug, and Russian wheat aphid)	0.75 - 1.79	0.00971 - 0.02318
Grasshopper <sup>2</sup> Hessian Fly	1.79	0.02318
<b>Crop Specific Directions:</b> <ul style="list-style-type: none"> <li>For wireworm seed protection, use a 0.25 fl oz/100 lbs seed rate or higher, depending on field history and site populations.</li> <li>For Hessian Fly protection to wheat seedlings in the Fall season, use 1.79 fl oz/100 lbs seed.</li> <li>For maximum effectiveness, treat seed uniformly. Use the higher rate to provide increased length of protection and from heavy insect pressure and to reduce potential spread of Barley yellow dwarf virus due to aphid vectors.</li> <li>Grasshopper feeding damage to seedling plants under low to moderate insect pressure will be reduced when Poncho 600 is used. Treated seed may be planted as a 50 - 60 foot border around the edges of the crop field as a barrier to grasshoppers advancing into the interior of the field.</li> <li><sup>1</sup>Rate is calculated based on number of seeds/lb averages of wheat (13700).</li> <li><sup>2</sup> Not registered for use in California.</li> </ul>		

<b>CORN (Field and Pop)</b>		
<b>Insect Pests</b>	<b>Product Rate (mg ai per seed)</b>	<b>Product Rate (fl oz per 80,000 Seeds)</b>
Corn rootworm (including Northern, Western, Southern and Mexican) Southern corn billbug	1.25	5.64
Chinch bug Corn flea beetle Corn leaf aphid Cutworm, black Grape colaspis Seedcorn maggot Southern corn leaf beetle Southern corn rootworm Southern green stinkbug Storage pests <sup>1</sup> (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle) Sugarcane beetle White grub (including European, Chafer larvae, May/June beetle larvae, Japanese beetle larvae) Thrips Wireworm	0.25 - 0.50	1.13 - 2.26
Corn flea beetle (through first true seed leaf) Seedcorn maggot <sup>2</sup> Storage pests <sup>1</sup> (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle) White grub <sup>2</sup> (including European, Chafer larvae, May/June beetle larvae, Japanese beetle larvae)	0.125	0.57
<b>Crop Specific Directions:</b> <ul style="list-style-type: none"> <li><sup>1</sup> It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.</li> <li><sup>2</sup> For seed protection only.</li> </ul>		



<b>CORN (Sweet)</b>		
<b>Insect Pests</b>	<b>Product Rate (mg ai per seed)</b>	<b>Product Rate (fl oz per 80,000 Seeds)</b>
Chinch bug Corn flea beetle Corn leaf aphid Cutworm, black Grape colaspis Seedcorn maggot Southern corn leaf beetle Southern corn rootworm Southern green stinkbug Storage pests <sup>1</sup> (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle) Sugarcane beetle White grub (including European, Chafer larvae, May/June beetle larvae, Japanese beetle larvae) Thrips Wireworm	0.25 - 0.50	1.13 - 2.26
Corn flea beetle (through first true seed leaf) Seedcorn maggot <sup>2</sup> Storage pests <sup>3</sup> (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle) White grub <sup>2</sup> (including European, Chafer larvae, May/June beetle larvae, Japanese beetle larvae)	0.125	0.57
<b>Crop Specific Directions:</b> <ul style="list-style-type: none"> <li><sup>1</sup> It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.</li> <li><sup>2</sup> For seed protection only.</li> </ul>		

<b>COTTON (Delinted Only)</b>		
<b>Insect Pests</b>	<b>Product Rate (fl oz per 100,000 Seed)</b>	<b>Product Rate (mg ai/seed)</b>
Early season thrips Cutworm, black Aphids Storage pests <sup>1</sup> (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle)	2.0	0.353
<b>Crop Specific Directions:</b> <ul style="list-style-type: none"> <li><sup>1</sup>It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed.</li> <li>Not registered for use in California.</li> </ul>		

<b>CARROT</b>		
<b>Insect Pests</b>	<b>Product Rate (Grams ai per 1,000 seed)</b>	<b>Product Rate (fl oz per 1,000 seed)</b>
Carrot rust fly	0.0338 - 0.0675	0.0019 - 0.0038

<b>LEAFY GREENS</b>			
<b>Subgroup 4A (Short Season Crops)</b>			
<b>Insect Pests</b>	<b>Product Rate ( mg ai/seed )</b>	<b>Product Rate ( fl oz per 100 lbs seed<sup>1</sup>)</b>	<b>Short Season Crops</b>
Aphids Leafminers (Suppression)	0.025 - 0.05	66.6 - 133.2	Spring Mix Lettuce, Lettuce
		6.4 - 12.9	Baby Spinach
		56.6 - 113.4	Amaranth
		36.9 - 73.7	Arugula
		23.0 - 46.1	Chervil
		56.6 - 113.4	Edible-Leaved Chrysanthemum Garland Chrysanthemum
		24.4 - 48.9	Corn Salad
		27.2 - 54.5	Garden Cress, Upland Cress
		4.9 - 9.9	Dandelion
		46.1 - 92.1	Dock
		60.4 - 120.9	Endive
		18.9 - 37.8	Orach
		41.7 - 83.3	Parsley
		154.2 - 308.5	Garden Purslane, Winter Purslane
		34.9 - 68.0	Radicchio

**Crop Specific Directions:**

- <sup>1</sup>Fl oz/100 lb seeds is calculated based on the following seed size (seeds/pound): Lettuce, 469,933; Spinach, 45,360; maranth, 400,000; Arugula, 260, 000; Chervil, 162,532; Chrysanthemum 400,000; Corn Salad, 172,400; Cress, 192,320; Dandelion, 35,000; Dock, 325,000; Endive, 426,400; Orach, 133,329; Parsley, 293,920; Purslane, 1,088,400; Radicchio, 240,000
- Each fluid ounce of Poncho 600 contains 17.7 g of clothianidin.

<b>LEAFY GREENS</b>			
<b>Subgroup 4A (Full Season Crops)</b>			
<b>Insect Pests</b>	<b>Product Rate (mg ai/seed)</b>	<b>Product Rate (fl oz per 100 lbs seed<sup>1</sup>)</b>	<b>Full Season Crops</b>
Aphids Leafminers (Suppression)	0.4 - 0.75	1065.4 - 1998.3	Leaf and Romaine Lettuce Head Lettuce <sup>2</sup>
	0.15	38.6	Spinach New Zealand Spinach Vine Spinach

**Crop Specific Directions:**

- <sup>1</sup>Fl oz/100 lb seeds is calculated based on the following seed size (seeds/pound): Lettuce, 469,933; Spinach, 45,360.
- <sup>2</sup>For high application rate of 0.4-0.75 mg ai/seed for lettuce, incorporate Poncho 600 into pelleting process. Minimum pelleting build up weight of 40 X is required for the highest rate of 0.75 g. ai/seed. The minimum pelleting build up weight is allowed to be reduced proportionally build up = 40X (target rate/0.75) for the lower rate. Do not apply the product on the raw seeds.

**Crop Specific Restrictions:**

- Each fluid ounce of Poncho 600 contains 17.7 g of clothianidin.

<b>RATE GUIDE CHART</b>	
Maximum seeding rates are based on the application rate and range from 120,000 - 3.6 million Seeds per acre (see Rate Guide Chart below)	
<b>Application Rate (mg ai/seed)</b>	<b>Maximum Seeding Rate (seeds/A)</b>
0.025	3,600,000

0.05	1,800,000
0.15	600,000
0.4	225,000
0.75	120,000

<b>LEEK</b>		
<b>Insect Pests</b>	<b>Product Rate (Grams AI per 1,000 seed)</b>	<b>Product Rate ( Fl oz per 1,000 seed )</b>
Onion maggot Seedcorn maggot Thrips	0.2	0.01129

<b>ONION (Bulb)</b>		
<b>Insect Pests</b>	<b>Product Rate (Grams AI per 1,000 seed)</b>	<b>Product Rate (Fl oz per 1,000 seed)</b>
Onion maggot Seedcorn maggot Thrips	0.118 - 0.18	0.00666 - 0.01016

<b>ONION (Bunching)</b>		
<b>Insect Pests</b>	<b>Product Rate (Grams AI per 1,000 seed)</b>	<b>Product Rate ( Fl oz per 1,000 seed )</b>
Onion maggot Seedcorn maggot Thrips	0.09 - 0.106	0.00508 - 0.00598

<b>RICE</b>		
<b>Insect Pests</b>	<b>Product Rate (fl oz per 100 lbs seed)</b>	<b>Remarks</b>
Aphid Black Bug Chinch Bug Grape Colaspis Rice Water Weevil Thrips	1.93	Provides early season protection against listed pests.

**Crop Specific Restrictions:**

- Do not apply to Wild Rice.
- Not registered for use in California.
- Poncho 600 is to be used only as a dry-seeded rice seed treatment.
- Do not use Poncho 600 in areas where rice/crawfish aquaculture practices are in place or in or near fish farms, shrimp, prawn or crab pond or nursery operations.
- Poncho 600 is not to be followed by a spray treatment of another neonicotinoid insecticide. Follow approved guidelines established for insect resistance management by consulting your local extension pest management expert.

<b>SORGHUM</b>		
<b>Insect Pests</b>	<b>Product Rate ( fl oz per 100 lbs seed )</b>	<b>Product Rate (mg ai/seed)<sup>1</sup></b>
Black granulate cutworm Aphid (including Greenbug, Yellow sugarcane aphid, Corn leaf aphid and English grain aphid) Chinch bugs White grubs Wireworms	5.1 - 6.4	0.05 - 0.06
<b>Crop Specific Restrictions:</b> <ul style="list-style-type: none"> <li>Not registered for use in California.</li> <li><sup>1</sup> Rate is calculated based on number of seeds/lb averages of sorghum (18000).</li> </ul>		

<b>SOYBEAN</b>		
<b>Insect Pests</b>	<b>Product Rate (fl oz per 140,000 seeds)</b>	<b>Product Rate (mg ai/seed )</b>
Aphids Bean leaf Beetle Grape Colaspis Leafhoppers Seed Corn Maggot Three Cornered Alfalfa Hopper Thrips White Grubs Wireworm	0.87	0.11
<ul style="list-style-type: none"> <li>Not registered for use in California.</li> </ul>		

<b>SUGARBEET</b>		
<b>Insect Pests</b>	<b>Product Rate (fl oz per 100,000 seed)</b>	<b>Product Rate (mg ai/seed)</b>
Black Bean Aphid Cutworms Flea Beetle Garden Springtail Sugar Beet Leafhopper Sugar Beet Leafminer Sugar Beet Root Maggot Wireworm	3.4	0.603
<b>Crop Specific Directions:</b> <ul style="list-style-type: none"> <li>Protection against beet leafhopper injury aids in reducing potential spread of beet curly top virus, vectored by beet leafhopper.</li> <li>Apply Poncho 600 to seed with a coating system giving a minimum weight gain build-up of approximately 30%.</li> </ul>		

**ON FARM SEED TREATMENT****CEREAL GRAINS (Except Corn, Rice, Sorghum and Wild Rice)** Barley, Buckwheat, Millet (pearl and proso), Oats, Rye, Teosinte, Triticale, Wheat

Insect Pests	Product Rate (fl oz per 100 lbs seed )	Product Rate (mg ai/seed) <sup>1</sup>
Wireworm	0.25 - 1.79	0.00324 - 0.02318
Aphid (including Bird cherry-oat, English grain, Greenbug, and Russian wheat aphid)	0.75 - 1.79	0.00971 - 0.02318
Grasshopper Hessian Fly	1.79	0.02318

**Crop Specific Directions:**

- For wireworm seed protection, use a 0.25 fl oz/100 lbs seed rate or higher, depending on field history and site populations.
- For Hessian Fly protection to wheat seedlings in the Fall season, use 1.79 fl oz/100 lbs seed.
- For maximum effectiveness, treat seed uniformly. Use the higher rate to provide increased length of protection and from heavy insect pressure and to reduce potential spread of Barley yellow dwarf virus due to aphid vectors.
- Grasshopper feeding damage to seedling plants under low to moderate insect pressure will be reduced when Poncho 600 is used. Treated seed may be planted as a 50 to 60 foot border around the edges of the crop field as a barrier to grasshoppers advancing into the interior of the field.

**Crop Specific Restrictions:**

- Regardless of application method (seed treatment, soil, or foliar), do not apply more than 0.2 lb active ingredient clothianidin/A/yr.
- <sup>1</sup>Rate is calculated based on number of seeds/lb averages of wheat (13700).

## ON FARM SEED-PIECE TREATMENT

### POTATO

Insect Pests	Product Rate (fl oz per 100 lbs seed )	Product Rate (mg ai/seed) <sup>1</sup>
Wireworm (seed-piece protection only)	0.32	7.1
Aphid (including potato, green peach, foxglove and buckthorn aphids) Colorado potato beetle Potato leafhopper Potato flea beetle (overwintered adults and suppression of second generation)	0.16 - 0.32	3.55 – 7.1

#### Crop Specific Directions:

- Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist or dust.
- Apply specified dosage as a diluted spray onto seed pieces using a shielded spray system that is well contained and will prevent the loss of any liquid.
- Agitate or stir spray solution as needed. For optimal insect control, good coverage of the seed pieces is required.
- As part of the seed cutting and treating process, treatment and/or an inert absorbent ingredient is recommended to improve suberization.
- Plant seed pieces as soon as possible after cutting and treating.
- Consult local specialists, Bayer CropScience representative or dealer for information relevant to your area.
- For extended residual control of pests other than wireworm, apply the higher rate.

#### Crop Specific Restrictions:

- Do not enter or allow worker re-entry into treated areas during the restricted entry interval of 12 hours.
- Regardless of formulation or type of application (seed treatment, soil, or foliar), do not apply more than a total of 0.2 lbs active ingredient clothianidin per acre per year.
- Do not apply any subsequent application of a Group 4 Insecticide (i.e., in-furrow or foliar application) following treatment with Poncho 600 Insecticide.
- Do not dilute with any more than 6 parts water to 1 part Poncho 600 Insecticide.
- <sup>1</sup>Rate is calculated based on number of seeds/lb averages of potato seed pieces (8).

### ROTATIONAL CROP PLANT-BACK INTERVALS

Crop Planted	Immediate Plant-back	30-Day Plant-back	4-Month Plant-back	8-Month Plant-back	12-Month Plant-back
Field corn, popcorn, soybean, potato, cereal grains, broccoli, cotton, carrot, leeks, onions	Cereal Grains, Canola, Soybeans, Cotton, Root And Tuber Vegetables, Leafy Green Vegetables, Brassica (Cole) Vegetables, Fruiting Vegetables, Curcubit Vegetables, and Bulb Vegetables	Grasses, non-grass animal feeds, dry beans		Sugar cane	Any crops without an earlier plant-back interval
Sweet corn, canola, rapeseed, sorghum	Cereal Grains, Canola, Soybeans, Cotton, Root And Tuber Vegetables, Leafy Green Vegetables, Brassica (Cole) Vegetables, Fruiting Vegetables, Curcubit Vegetables, and Bulb Vegetables	Grasses, non-grass animal feeds, dry beans	Any crop without an earlier plant-back interval		

## SEED TAG LABELING

The Federal Seed Act requires that the container of seed treated with **PONCHO 600** must be labeled with the following statements:

- This seed has been treated with:
  - **PONCHO 600**, which contains **48.0% clothianidin**.
- Do not use treated seed for food, feed, or oil production.

In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with **PONCHO 600**:

- **Store treated seeds away from food and feedstuffs.**
- **Do not allow children, pets, or livestock to have access to treated seed.**
- **Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.**
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.
- This compound is highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust, which can drift to blooming crops or weeds.
- Rapeseed greens and seed grown or harvested from Poncho® 600-treated seed must not be used for feed or human consumption. Rapeseed grown or harvested from Poncho® 600-treated seed is only for industrial uses and cannot be used for edible oil or any other human/feed consumption.
- This compound is toxic to birds and mammals. Treated seeds exposed on soil surface may be hazardous to birds and mammals. Cover or collect treated seeds spilled during loading.
- In soybean, foliar sprays of clothianidin can be applied 45 days after planting Poncho 600 treated seeds for mid-to-late season foliar insects.
- For all other crops do not apply a neonicotinoid insecticide foliar spray after planting treated seed. Follow approved guidelines established for insect resistance management by consulting your local extension pest management expert.
- **For Field Corn, Popcorn:** Immediate Plant-back: Cereal grains, Field corn, popcorn, sweet corn, rapeseed, canola, soybeans, root and tuber vegetable, 30-Day Plant-back: Grasses, non-grass animal feeds, dry beans, 8-Month Plant-back: Sugar cane, 12-Month Plant-back: Any crops without an earlier plant-back interval.
- **For Sweet corn, Canola, Rapeseed, and Sorghum:** Immediate Plant-back: Cereal grains, Field corn, popcorn, sweet corn, rapeseed, soybeans, canola, sorghum, root and tuber vegetables, 30-Day Plant-back: Grasses, non-grass animal feeds, dried beans, 4-Month Plant-back: Any crop without an earlier plant-back interval.
- **For Soybeans:** Immediate Plant-back: Cereal grains, Field corn, popcorn, sweet corn, cotton, rapeseed, canola, soybeans, root and tuber vegetable, 30-Day Plant-back: Grasses, non-grass animal feeds, dry beans, 8-Month Plant-back: Sugar cane, 12-Month Plant-back: Any crops without an earlier plant-back interval.
- **For wheat, barley, oats, rye, triticale and potato:** Treated areas may be replanted with any crop specified on clothianidin label, or any crop for which a tolerance exists for clothianidin, as soon as practical following the last application. Areas planted with treated seed may be replanted immediately with cotton, corn, rapeseed, sorghum; sugar beet, potato, cereal grains (Crop

Group 15 except rice), canola, and the following vegetable crops: root vegetables (Crop Group 1), bulb vegetables (Crop Group 3), leafy green vegetables (Crop Group 4A), Brassica (cole) leafy vegetables (Crop Group 5), fruiting vegetables (Crop Group 8), cucurbit vegetables (Crop Group 9). These areas may also be replanted after 30 days with soybeans, dried beans and dried peas. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.

- Follow-up foliar sprays of registered insecticide may be needed under heavy pest pressure. Consult your local Extension office for recommendations.
- Do not graze or feed soybean forage and hay to livestock
- Regardless of method of application (seed treatment, soil or foliar) DO NOT apply more than 0.2 lbs of active ingredient clothianidin per acre per year.
- Not for use on sorghum or rice seed in the state of California.
- Poncho 600 is to be used only as a dry-seeded rice seed treatment.
- Do not use Poncho 600 in areas where rice/crawfish aquaculture practices are in place or in or near fish farms, shrimp, prawn or crab pond or nursery operations.
- For canola and rapeseed: treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.
- For broccoli: treated at the rate of XX fluid ounces per 1,000 seed will result in XX grams of clothianidin per 1,000 seed.
- For carrot: treated at the rate of XX fluid ounces per 1,000 seed will result in XX grams of clothianidin per 1,000 seed.
- For corn (field and pop): this seed has been treated at the rate of XX mg ai/seed.
- For corn for the pest insect Southern corn billbug: Follow up foliar sprays of a locally registered insecticide may be needed under heavy pest pressure. Consult your local Extension Office for recommendations.
- For corn (sweet): this seed has been treated at the rate of XX mg ai/seed.
- For cotton: treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed
- For leafy greens: treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX mg of clothianidin per seed
- For leek: treated at the rate of XX fluid ounces per 1,000 seed will result in XX grams of clothianidin per 1,000 seed
- For onion (bulb): treated at the rate of XX fluid ounces per 1,000 seed will result in XX grams of clothianidin per 1,000 seed
- For onion (bunching): treated at the rate of XX fluid ounces per 1,000 seed will result in XX grams of clothianidin per 1,000 seed
- For rice: treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX lbs of clothianidin per 100 lbs of seed
- For sorghum: treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.
- For soybean: this seed has been treated with 0.11 mg clothianidin/seed.
- For sugarbeet: treated at the rate of XX fluid ounces per 100,000 seed will result in XX grams of clothianidin per 100,000 seed
- For wheat, barley, buckwheat, millet (pearl and proso), oats, rye, teosinte, or triticale: treated at the rate of XX fluid ounces per 100 lbs of seed will result in XX grams of clothianidin per 100 lbs of seed.

**For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)**

**For MEDICAL, TRANSPORTATION or OTHER Emergencies ONLY Call 24 Hours A Day 1-800-334-7577**



## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

### **Pesticide storage**

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry secured storage area.

### **Pesticide disposal**

To avoid waste, use all material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste facility or pesticide disposal program (often such programs are run by state or local governments or by industry)

### **Container handling**

#### **Non-Refillable Plastic Containers**

Rigid, Non-refillable containers (equal to or less than 5 gallons)

Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. Do not reuse or refill this container. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781), or rinse and either recycle or dispose of the container as follows:

#### **Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

#### **Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)**

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

#### **Non-Refillable Metal Containers**

Nonrefillable container. Do not reuse or refill this container. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781), or rinse and either recycle or dispose of the container as follows:

#### **Liquid in containers small enough to shake (5 gallons or less)**

Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

#### **Containers too large to shake (larger than 5 gallons or 50 pounds)**

Triple Rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

## **Non-Refillable Containers**

### **Non-Refillable Fiber Drums with Liners**

Non-refillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

### **Non-rigid, Non-Refillable Containers**

Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

## **Refillable Containers**

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781) or rinse and either recycle or dispose of the container as follows:

### **Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)**

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

### **Top Discharge IBC, Drums, Kegs (e.g. – Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)**

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container.

**PONCHO 600 (PENDING) 10/10/2017, 11/6/2017**